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March 8, 2004

# The United States of America

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## The Commissioner of Patents and Trademarks

*Has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.*

*Therefore, this*

### United States Patent

*Grants to the person(s) having title to this patent the right to exclude others from making, using, offering for sale, or selling the invention throughout the United States of America or importing the invention into the United States of America for the term set forth below, subject to the payment of maintenance fees as provided by law.*

*If this application was filed prior to June 8, 1995, the term of this patent is the longer of seventeen years from the date of grant of this patent or twenty years from the earliest effective U.S. filing date of the application, subject to any statutory extension.*

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*Bence Lehman*

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Attest *Mary H. Green*

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09/605148





US005768769A

United States Patent [19]  
Shamblin

[11] Patent Number: 5,768,769  
[45] Date of Patent: Jun. 23, 1998

- [54] PARALLEL ADJUSTABLE GANTRY TRUSS  
PLATE PRESS
- [76] Inventor: Wayne A. Shamblin, 9005 Wessex Ct.,  
Ft. Worth, Tex. 76134
- [21] Appl. No.: 552,194
- [22] Filed: Nov. 2, 1995
- [51] Int. Cl.<sup>6</sup> ..... B23P 19/00
- [52] U.S. Cl. .... 29/798; 100/210; 100/913
- [58] Field of Search ..... 29/432, 798, 897, 913;  
100/210, 913; 227/152; 269/910

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## [57] ABSTRACT

A gantry press adjustment apparatus for adjusting a vertical orientation of a parallel gantry press with respect to a work surface. The gantry press has a rigid frame with a first side frame portion and a second side frame portion. Each side frame portion has a first and a second generally parallel vertical members. The first and the second side frame portions are spaced sufficiently apart to accept a press roller. The adjustment apparatus has a first and a second planar member which are adapted to receive and support the axle of the roller press. The planar members are slidably mounted along a vertical axis of the frame portions. A first vertical adjustment member is connected to the first side frame portion and to the first planar member. A second vertical adjustment member is connected to the second side frame portion and to the second planar member. A drive is connected with each of the adjustment members to adjust each of member at a substantially equivalent rate and vertical spatial orientation such that the planar members maintain the press roller in a parallel orientation with respect to the work surface.

7 Claims, 3 Drawing Sheets

